

## Freeform Search

---

<b>Database:</b>	US Pre-Grant Publication Full-Text Database
	US Patents Full-Text Database
	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
	IBM Technical Disclosure Bulletins

  

<b>Term:</b>	L7 and (histogram and (parent or child))
--------------	--

  

<b>Display:</b>	<input type="text" value="50"/> Documents in Display Format:	<input type="text" value=""/> Starting with Number	<input type="text" value="1"/>
-----------------	--	--	--------------------------------

  

<b>Generate:</b>	<input type="radio"/> Hit List	<input checked="" type="radio"/> Hit Count	<input type="radio"/> Side by Side	<input type="radio"/> Image
------------------	--------------------------------	--	------------------------------------	-----------------------------

---

Search

Clear

Interrupt

---

### Search History

---

**DATE:** Wednesday, February 09, 2005   [Printable Copy](#)   [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

*DB=PGPB,USPT; PLUR=YES; OP=ADJ*

<u>L8</u>	L7 and (histogram and (parent or child))	5	<u>L8</u>
<u>L7</u>	('6247016' '6138115' '6055539' '5799311' '5787274')!.PN.	5	<u>L7</u>
<u>L6</u>	histogram near3 (parent or child)	19	<u>L6</u>
<u>L5</u>	L4 and (bucket near3 boundary)	2	<u>L5</u>
<u>L4</u>	6507840.pn. or 5870752.pn. or 6772142.pn.	3	<u>L4</u>
<u>L3</u>	L2 and L1	6	<u>L3</u>
<u>L2</u>	resistance near3 temperature near3 inverse	84	<u>L2</u>
<u>L1</u>	bolometer	1462	<u>L1</u>

END OF SEARCH HISTORY

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore**  
RELEASE 1.0

Welcome  
United States Patent and Trademark Office

Help FAQ Terms IEEE Peer Review **Quick Links**

## Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

## IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet



Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

Your search matched **0** of **1124699** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

## Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

selftuning &lt;phrase&gt; histogram &lt;and&gt; parent &lt;and&gt;

**Search**☐ Check to search within this result set

## Results Key:

**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

## Results:

**No documents matched your query.**


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used selftuning histogram

Found 3 of 150,138

Sort results by


[Save results to a Binder](#)
[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Display results


[Search Tips](#)
☐ Open results in a new window

Results 1 - 3 of 3

 Relevance scale ☐ ☐ ☐ ☐ ☐

### 1 Optimal histograms for hierarchical range queries (extended abstract)

Nick Koudas, S. Muthukrishnan, Divesh Srivastava

 May 2000 **Proceedings of the nineteenth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

 Full text available: pdf(224.88 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)


### 2 Session 7A: Fast, small-space algorithms for approximate histogram maintenance

Anna C. Gilbert, Sudipto Guha, Piotr Indyk, Yannis Kotidis, S. Muthukrishnan, Martin J. Strauss

 May 2002 **Proceedings of the thirty-fourth annual ACM symposium on Theory of computing**

 Full text available: pdf(266.50 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


(MATH) A vector  $\mathbf{A}$  of length  $N$  is defined implicitly, via a stream of updates of the form "add 5 to  $\mathbf{A}_3$ ." We give a *sketching* algorithm, that constructs a small *sketch* from the stream of updates, and a *reconstruction* algorithm, that produces a  $B$ -bucket piecewise-constant representation (histogram)  $\mathbf{H}$  for  $\mathbf{A}$  from the sketch, such that  $\|\mathbf{A} - \mathbf{H}\|_1 \leq (1 + \epsilon) \|\mathbf{A} - \mathbf{H}_{\text{opt}}\|_1$

### 3 STHoles: a multidimensional workload-aware histogram

Nicolas Bruno, Surajit Chaudhuri, Luis Gravano

 May 2001 **ACM SIGMOD Record, Proceedings of the 2001 ACM SIGMOD international conference on Management of data**, Volume 30 Issue 2

 Full text available: pdf(429.21 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


Attributes of a relation are not typically independent. Multidimensional histograms can be an effective tool for accurate multiattribute query selectivity estimation. In this paper, we introduce *STHoles*, a "workload-aware" histogram that allows bucket nesting to capture data regions with reasonably uniform tuple density. *STHoles* histograms are built without examining the data sets, but rather by just analyzing query results. Buckets are allocated where needed the most ...

Results 1 - 3 of 3

The ACM Portal is published by the Association for Computing Machinery: Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)